

Capillary Flow Experiment-2 (CFE-2) Interior Corner Flow 1 module operated for the fourth time on ISS

The CFE-2 Interior Corner Flow 1 (ICF1) module was operated by Increment 25 flight engineer Scott Kelly on October 19, 2010. This is the last planned operation for this particular CFE-2 vessel. For this particular operation, Scott performed an “extra science” run by compressing a small bubble in the transfer tube between the fluid reservoir and test chamber to investigate a bubble migration anomaly noticed in a previous ICF1 operation. The CFE team supported operations in the Telescience Support Center (TSC) in Bldg 333 at Glenn Research Center (GRC), and the PI tied in by telecom. Real-time video of the operations was downlinked to the Telescience Support Center at GRC. The video data will be played back and downlinked later in the week in High Definition (HD) format for data reduction and analysis.